

the CARRIER



the MOUNT DIABLO AMATEUR RADIO CLUB

VOLUME XXXV ISSUE 8 AUG 1987 REPEATERS 147.06/223.74/441.325

AUG/SEP HAPPENINGS

SUNDAY SEPT 6 (Labor Day Weekend)
100 mile bike ride in central Alameda and Contra Costa Counties. Carson Taylor, K6TI is the organizer of the radio communications. At least 12 operators are needed. The cyclists are providing a buffet dinner for the staff and radio operators after the race. Sign up at the August MDARC meeting

-0-

SATURDAY SEPT 12. Walnut Festival
Parade, starting at 7:30 PM, radio's needed from about 5:00 PM until end, about 9:00 PM. Sheriff's uniformed communications group will handle. For more info call Vicki, N6KLS

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SUNDAY SEPT 13. Walnut Festival 10 K
footrace 0800 to 1000, 8 operators needed. Sign up at the August MDARC meeting.

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SUNDAY SEP 13, Las Trampas Trailride,
from Bolinger Canyon thru Oakland hills to Chabot and Redwood Parks. 0600 to 1800. Need communications for four checkpoints and relay point and ride director. Need about 12 operators. Lunches will be provided by the ride sponsors. See Jim House, KA6IVF for more info, and sign up at Aug MDARC meeting.

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SATURDAY OCT 3, Concord-Pleasant Hill
band review, in Concord. 8 operators needed. September sign up.

-0-

CONCORD HOLLIDAY PARADE

Several MDARC members set aside their fourth of July plans to help get the Concord International Holliday Parade rolling on Sunday July 5th. Stan Poland, N6ZA kept parade director Joe Maranz in contact with marshalls moving units into line, aided by Ted Lane, KD6BA. Don Young N6IZO, Bob Pearl KB6LXR, and Brad Webster WA6AE0

brought last minute info about marching units to the announcers at the 2 reviewing stands. The parade culminated a week of festivities in downtown Concord.

PICNIC BASH IS A SMASHEROO!!

A fantastic time was had by all at the 40th anniversary MDARC picnic. George Roush had so many events and activities you hardly knew where to start! Thanks to Carson K6TI for his efforts in obtaining a HT radio from HRO for the doorprize. Mike Whitten, Dave Schultz and Jay Caldis went for a bike ride. You should have seen the electronic gadgets on Jay's bike! Too bad he didn't have radar though. Ask him about the collision he and Dick had on the way back! Lots of people won door prizes, and the HT went to Wayne WB6WZV, who went around on cloud nine the rest of the day. He had never won anything before! In the transmitter hunt, Lauren CIE was disqualified for the hunt because all he had was a HT with rubber duck. The judges wound up with red faces when he found the rabbit within minutes! Seems he used his body as a reflector. (That's a good sized reflector!) Forst place went to Jim KA6IVF who was next to find Mike KB6FHC in his hiding place. Lauren was given a big red ribbon as a consolation prize for his efforts. George wants to thank everyone that brought food, drink and themselves to make the picnic the big success it was!

ATV RPTR DRAWS CROWDS!

After the new antenna installation at the Diablo site, conditions were vastly improved on the repeater with viewers as far away as Sacramento seeing color pictures from W6NKF, KD6DY, WA6SYE and N6GOZ! 15 checkin's were recorded on Thursday Aug 6th net with 4 stations on the repeater transmitting. Good Show folks!

JULY RRRG MEETING MINUTES

by Rick Barber (WB6EZI) acting Secretary
July 15, 1987

The meeting was called to order at 8:00 pm by Chairman Bob Dahl (KA6LSL). The minutes from the previous meeting were read. MMSP to accept the minutes as read. There was no formal Treasurer's report, however Bob reported that he had to spend approximately \$200 for repairing and updating the 220 controller.

Bob explained the membership policy and went over the modifications to the By Laws to allow membership by Novice class operators.

Thirteen prospective members introduced themselves to the group.

Paul Parker was not in attendance, however Bob reported that all systems were operational. The 220 and 450 machines are now linked together via a non controllable link. This will be modified shortly to provide a remotely controllable link. Bob explained that due to the restrictions of their class, Novices would not, with the exception of the emergency number codes, be given any of the control codes to the repeaters. Bob explained that the emergency telephone system will soon be switched to Consolidated Fire Dispatch Center. Mike (N6GOZ) stated that an antenna party was scheduled for July 22nd. He also gave a short report on the efforts of the ATV group. A discussion about the

PACKETdigipeater status was initiated by Jay Caldis (KT6Y). Bob mentioned that various sites had been explored and the site chosen was the one offered by Don Gilley (WB6VHW). Jim House inquired about which frequency we plan to use. Coordination of frequency assignment will be handled by NARC. Bob suggested that all PACKETusers decide on their choice for a frequency and submit that request to NARC. It was agreed that NARC would have the final approval of frequency assignment. Responding to a question from the floor re the squelch tail settings, Bob indicated that since the controller had just come back from ACC, he was unsure of the exact settings at the moment. All controller settings will probably be restored to those prior to the work on the new controller. Bob stated that controller settings will, of course, depend on the operational needs of the group.

September 16th will be the next meeting of the RRRG. Bob reminded everyone that meetings are held on the third Wednesday of every other month (in the odd numbered months). Everyone was reminded that election of officers for the coming year will be at the November 18th meeting.

Prospective members were sponsored by Jay Caldis and seconded by Jim House. All members were accepted into membership. Bob summarized the business which had taken place earlier in the evening at the Steering Committee meeting. Carolyn Dahl (KA6LSK) resigned during the meeting. Don Smith (W6NKF) read the changes in the By Laws and Statement of Policy. Meeting adj. at 2105.

FOR SALE

GE MASTER 450 REPEATER WITH LINE AND REPEATER PANELS 60 WATT MODEL LIKE NEW CONDITION, FRESH OUT OF COMMERCIAL SERVICE—\$300.00

GE MASTER MOBILES COMPLETE WITH ALL CABLES, MIKES, SPEAKERS ECT VERY CLEAN! FRESH OUT OF COMMERCIAL SERVICE LOOK LIKE NEW! ONLY FIVE ON HAND SO SPEAK FAST—\$100.00 EACH

ABOVE EQUIPMENT WAS ON 453 MHZ SO IT WILL HIT 440-450 WITH NO PROBLEM. CALL DON W6NKF (415) 372-8777 EVENINGS AND WEEKENDS.

NEW EDITOR TO TAKE HELM

Commencing with the September 1987 issue of the CARRIER, Stan Christian WU6P will be the new editor. Stan is retired, and has an IBM computer with all the goodies to make a neat page lay-out. We have fixed him up with the Newsmaster desk top publishing program, and he will be able to receive your input even on packet and drop it into the program.

Call Stan at 672-0330 with your items for the next edition.

I had fun doing these two editions, but just don't have the time to devote to it that I should in order to put out a quality product. I am sure Stan will put out a whiz-bang paper as soon as he gets his IBM in gear and gets familiar with the desk top publishing program. I have just been learning these past two issues myself!

Good luck Stan.

Don, W6NKF

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I write down everything on a piece of paper that I want to remember, that way, instead of spending time trying to remember what it is I wrote down, I spend the time looking for the piece of paper on which I wrote it !!

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Minutes of the July
RRRG meeting

- by Rick Barber (WB6EZI)
acting Secretary

July 15, 1987

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JULY RARE MEETING MINUTES
 BY Bob Barber (W6EJZ), acting Secretary
 July 3, 1987
 The meeting was called to order at 8:00 pm by
 Chairman Bob Barber (W6EJZ). The minutes from
 the previous meeting were read and approved.

meeting. Carolyn Dahl (KA6LSK) resigned during the meeting. Don Smith (W6NKF) read the changes in the By-Laws and Statement of Policy. Meeting adjourned at 2105.

* * * * RED FLAG PATROL * * * *

During the Weekend of August 1 & 2, the local California Department of Forestry ranger unit asked us to institute a small scale patrol of areas of extreme fire danger. These alerts and subsequent patrols are known as RED FLAG patrols. By my count, at least 22 operators responded to our request for help. We patrolled from shortly after noon until dark on Saturday and Sunday. Thank you to all those who participated on such short notice. The whole thing caught me in the middle of moving, and was a real test of the "no one is indispensable" rule. A list of participating stations follows:

- | | | | | |
|--------|-------|--------|--------|-------|
| KD6BA | K6DLK | N6BHX | N6EEG | N6IZO |
| KB6JEC | N6LGB | W6LKE | KB6MFY | N6PAC |
| KB6QDT | N6QS | KI6RP | K6LXW | N6GPQ |
| WU6P | W6CPO | KB6MXR | W6LKE | N6JNK |
| N6LFN | KB6UU | N6DRT | K6TI | |

-73 - KA6IVF, Central County EC

FROM: The Fireside University,
 John McGovern, Union Publishing
 House, Chicago. . . 1898 . . .
 when the armature of a
 dynamo revolves in the powerful
 field of an electro-magnet,
 currents will pass back and
 forth through the wires. But we
 don't want the currents to go
 in two ways; we do not want
 alternating currents.

Emergency Communications Activities

Jim Perry, AA6CK - EC

The July 4th weekend fire patrols were greatly appreciated by the California Division of Forestry. Jim, KA6IVF, reports that 41 mobiles (about 50 operators) took part.

RACES packet radio activity will expand late this summer, as part of a plan to improve communications coverage throughout Contra Costa County. The County Administrator's Office ordered equipment for three digipeaters. The sites will be on three mountain peaks, and will operate on 144.91 Mhz., to avoid interference to existing networks. The RACES network will also be available for general use. Thanks to Larry, W6CPO, for these details, and we look forward to more soon.

Thanks to George, WB6DFH, for supplying some of our ECs with a package of assorted information from a recent Bay Area Skywarn System (BASS) seminar. The BASS digipeater, N7EQN, is at Redwood City on 145.05 Mhz. According to the operations plan, its principal task is to provide timely and accurate reports of severe weather. The goal is to support organizations, such as RACES, that might need its services.

The Sheriff's uniformed group provided communications support at the Oakley parade, with 9 members taking part. Their next scheduled meeting is August 19, 7:30 p.m., and tentatively includes a tour of the Delta Regional Communications Center. Their next event is communications for the Walnut Festival evening parade, on Sept. 12.

For more information about ARES/RACES activities, all amateurs are invited to check into the Thursday evening net on the 147.735 Mhz. repeater at 7:20 p.m.

MINUTES OF MDARC MONTHLY MEETING
17 JULY 1987

The meeting was called to order by President Scott Miles. Visitors introduced themselves. There were no upgrades.

Old Business: Contact a Board member if you would like to serve on the nominating committee.

Treasurer Dick Schulze gave the treasurer's report, stating we have \$3,350.25 in the treasury.

Jim House gave a report on the 4th of July fire watch. (Ed.-See his complete report elsewhere.)

Jim Perry, our new emergency coordinator, plans a monthly column in the Carrier.

If you have any ideas for awards, contact one of the following awards committee members: Chairman Jim House, Mike Whitten, Paul Jones, John Percival, Don Peattie, Jane Walker.

Membership Chairman, Dr. George Jones, reports we have nearly 230 members presently.

Education: Jay Caldis needs a coordinator for the club's classes. We hope to have at least a Novice class in the spring.

It was mentioned that the church where we hold our meetings is having some electrical problems. If you can volunteer to help with this it would be appreciated.

A Thank You letter was read for the excellent work Carson Taylor did as editor of The Carrier. Don Smith has consented to put The Carrier together for a few months, until a new editor can be found.

Wayne, WB6WZV, won the Yaesu HT (which was donated by HRO) at the club picnic

George Roush gave a report on the picnic and told how Lauren Styles found the rabbit during the transmitter hunt with just a rubber ducky !! George reminded everyone the Christmas Party is 20 Dec. 1987, so mark your calendars.

New Business: Watch The Carrier for more details on the upcoming transmitter hunt being planned by Jim House.

The Base Station continues to support our club by donating a \$25.00 gift certificate. Al Thews, KB6SHH, one of our newest members, won it this month.

Our guest speaker was Ron Willis with the FAA, who is Traffic Manager Coordinator for the Oakland Airport. A most interesting talk was given, questions were answered, and literature was distributed.

The Board meeting will be held 23 July 1987 at the home of Dr. George Jones.

Respectfully submitted,
Jane Walker, N6NVA
Secretary

The DEADLINE for all contributions to The CARRIER must be in the hands of the Editor by the last day of the month preceeding The Carrier edition. . . . Send contributions

to S.Christian, WU6P,
5450 Concord Blvd. #C4
Concord, Ca 94521

 MDARC BOARD MEETING
 MINUTES - 23 JULY 1987

ATTENDEES:

President Scott Miles WB6PQM
 Secretary Jane Walker N6NVA
 Treasurer Dick Schulze KB7MAF
 Board Member Jay Caldis KT6Y
 Board Member Jim House KA6IVF

ABSENT:

Vice President Dick Brown KT6X

MEMBERS PRESENT:

E.C. Jim Perry AA6CK
 Membership Dr. George Jones
 WB6OFH
 George Roush WB6OFH

The Board approved the minutes of the previous meeting.

Treasurer Dick Schulze gave a treasurer's report, \$2928.28, and submitted the semi-annual treasurer's report to the Board.

Old Business: Education: If we are to have Ham classes, we need teachers, so call me if you can teach a class, or be a back-up teacher. Jane, N6NVA, 458-3164

Next Board Meeting:

25 August 1987 at the home of Scott Miles, President.

Membership Chairman Dr. George Jones gave a membership report. The Club has 230 males and 23 females. Current License Status:

License Class	No.	%	U.S.%
Novice	14	6	20
Technician	56	24	20
General	48	21	27
Advanced	71	31	23
Extra	33	14	10
SWL	5	2	

=====

A FOLDING CHAIR was left at the picnic. Contact George Roush if you are missing one.

=====

Jim House is planning a transmitter hunt for September 1, 7PM. Meet at Wards parking lot in Pleasant Hill. Awards for shortest mileage, not speed.

After the hunt join everyone for ice cream at Leatherby's.

We need three more people for the nominating committee by September 1st. Contact a Board member if you will serve.

Jane Walker, N6NVA
 Secretary

* * * AWARDS COMMITTEE * * *

Your 1987 awards committee held it's first meeting July 28, 1987. We came up with some great ideas for the Christmas Party. One of them is to have a "Best Ham Shack" award. To enter your shack, send a black & white photo min. 4"x 5", max. 5"x 7" to the club P. O. box by the Sept. meeting, or bring to that meeting & give to a member of the committee. Preliminary judging will be done on the basis of the submitted pictures. Finalists stations will have slides taken by our club photographer (after we ask him), and the slides will be shown at the Christmas party to backdrop the presentations. All this assumes that someone is interested in participating. No pic's, no contest. Antenna farms and home brew equipment are also eligible and we will have separate categories for as many kinds of amateur radio related items as needed to cover the entries received.

Jim House, KA6IVF

* * * * *

'CARRIER' CONTRIBUTIONS
 TO NEW EDITOR VIA PACKET

Contributions to 'The Carrier'; news items, articles, upgrades, etc., can be uploaded to me via packet with pre-arrangement. Please call me at 672-0330 or on 147.060 to pre-arrange, or when I am home and give me a few minutes to get on-line.... I will take any contributions pertinent to Amateur Radio. (Connect V WB6SDS-2)

Thanks

STAN

MDARC MEMBERSHIP DIRECTORY UPDATE

Mount Diablo Amateur Radio Club welcomes the following new members who have joined since the update published in the July Carrier:

HEUER, Karl; N6GPQ, Technician 3315 Sweet Dr., Lafayette, CA 94549	(415)-283-6584
JENKINS, Lew; N6VV, Extra 819 Slater Ave., Pleasant Hill, CA 94523	(415)-945-6413
LUCIDO, Donald R. (Don); W6BXE, Extra 4857 Venner Rd., Martinez, CA 94553	(415)-228-3609
LUCIDO, Freda B.; N6PWT, Technician 4857 Venner Rd., Martinez, CA 94553	(415)-228-3609
MOORE, Gary; N6ORZ, Technician P.O. Box 27362, Concord, CA 94527	
MOUNT, Howard B.; KB6LZH, Technician 143 Pulido Rd., Danville, CA 94526	(415)-837-4208
MULLER, Glenn K.; KA6CNC, Novice 915 Honora Ave., Concord, CA 94518	(415)-680-1961
SCHWARTZ, Jon; KB6SJT, Technician 6444 Parklane Plaza, Martinez, CA 94553	(415)-370-0472
SEVERS, Louis E.; KB6SHI, Technician Rt #2, Box 379, Sp #6; Oakley, CA 94561	(415)-684-0321
THEWS, Albert W.; KB6SHH, Technician 3955 Royal Arch Dr., Concord, CA 94520	(415)-682-2934

Please note the following name, phone number (sorry about that) and address changes:

JENSEN (not Jenson), Ralph S.
SANTEE, Jim and Margaret: phone number is (415)-671-0847
THORNE, Robert; N6NUY; 4555 Coolidge St., Concord, CA 94521

MDARC congratulates the following on their upgrades and/or new calls:

BATES, John F.; N6PUL
JONES, George P.; Advanced
JONES, Paul W.; N6PAC
MAC DONAGH, Daniel J.; KI6RS, Extra
MC CAMPBELL, Gordon; KB6TGO
SCHULZE, Richard M.; AA6DL

Remember, if there are any changes in your status, please let the membership chairman know about it: George Jones, KB6QDT; 325 Glen Arms Dr., Danville, CA 94526. Membership Directories will still be available free at the August meeting, or by mail from George for \$1.00.

CLIMBING NOVICE MOUNTAIN

Once there was a wise, experienced Amateur Radio Operator who encouraged and nurtured newcomers to Amateur Radio. A group of prospective Novices diffidently approached the Old Man, uncertain of what lay ahead for them as they attempted to attain the pinnacle of Novice Mountain.

The Old Man gathered the group and pointed toward a mountaintop, dimly visible through the haze in the distance.

"There, at the top of The Mountain, lies the Novice License. I cannot make the journey for you, but I have travelled your route before. Each of you must strive for it on your own. I can point the way, and provide a map of the terrain, but each of you must find the path to the Mountaintop."

"Now go. I pray that each of you will return with proof of having reached the Mountaintop."

Excited but nervous, each prospective Novice started toward The Mountain. Some ran very fast, some jogged, some walked. After a short time, a few returned to the Old Man, weary and disheartened.

"We could not reach the base of the Mountain," they said. "We were unable to cross the vast wasteland called Morse Code, so we returned."

And the Old Man said, "The SWPM desert is difficult to cross, but the Government has not yet built a road around it that leads to Novice Mountain." And he sadly watched them turn their back on Amateur Radio.

More time passed, and a second group straggled in. They sank down before the Old Man and shook their heads.

"We struggled across the vast desert and finally attained Code Speed, but we were not able to find a path through the Forest of Rules and Regulations that lead to the top of Novice Mountain." They rose to their feet and also walked away from Amateur Radio.

The Old Operator blinked back a tear, but said nothing as they departed.

A third group returned, defeat etched into their features. They stood before the Old Man and said, "We crossed the desert and attained Code Speed, then struggled through the dense forest and attained a Knowledge of the Rules. But we could not find a way to climb the cliffs of Radio Theory and Practice. We searched and searched, but could not discover a way to the top of the Mountain."

The Old Man shook his head and told them, "Yet you must climb these cliffs, for there is no other way to the top of The Mountain. Having gone so far, can you quit so easily?"

Several of the group shook their heads and walked away, but a few of their number showed renewed determination to reach the top of Novice Mountain. After refreshing themselves, they once again headed toward The Mountain.

Some time later, yet another group returned to the Old Man. This group was battered but unbowed, and elation radiated from their faces. They sank down and sat in a semi-circle around the Old Man and each produced a small rectangle of paper.

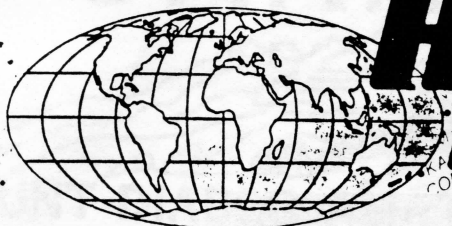
"We have been to the top of Novice Mountain, Old Man. We have each attained the Novice License, which we hold here."

"And what could you see from the top of The Mountain?" asked the Old Man.

"More mountains," they said. "There are mightier mountains to conquer now. We saw Technician Pinnacles, and the HF Range with the General, the Advanced, and the mighty Extra Class peaks standing out on the horizon. There are the Digital Hills, the ATV Crags, and hundreds of other features that dot the landscape of Amateur Radio. But had we not struggled to reach the top of Novice Mountain, we would never have even seen the possibilities and challenges that await us."

The Old Man grinned broadly as he watched them leap to their feet, take up their 220 HT's and stride purposefully back toward the High Country of Amateur Radio.

-----The FCC reminds
Amateurs that transmitting
equipment used in other services
(except MARS and the like) must
be type-accepted. Much 2-meter
equipment available today can be
made to work on frequencies
considerably above and below the
amateur band. Amateurs should
bear in mind: while it may be a
great temptation to do so, the
use of gear converted from the
Amateur Service to another
service is NOT permitted. (ARRL
letter) -----



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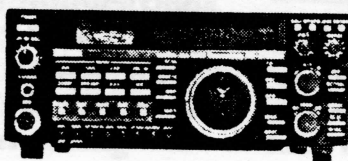
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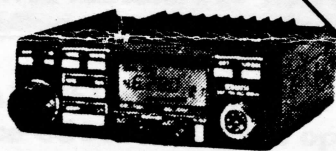
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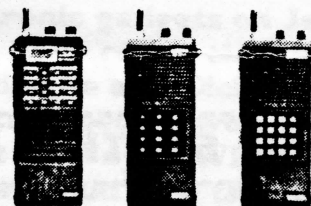
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(404) 263-0700
Neil, Mgr. KC4MJ
Doraville, 1 mi. north of I-285

BURLINGAME, CA 94010
999 Howard Ave.
(415) 342-5757
George, Mgr. WB6DSV
5 miles south on 101 from SFO

OAKLAND, CA 94606
2210 Livingston St.
(415) 534-5757
Al, Mgr. WA6SYK
17N-5th Ave. / 17S-16th Ave.

PHOENIX, AZ 85015
1702 W. Camelback Rd.
(602) 242-3515
Bob, Mgr. K7RDH
East of Hwy. 17

SAN DIEGO, CA 92123
5375 Kearny Villa Rd.
(619) 560-4900
Tom, Mgr. KM6K
Hwy. 163 & Claremont Mesa Blvd.

VAN NUYS, CA 91411
6265 Sepulveda Blvd.
(818) 988-2212
Al, Mgr. K6YRA
San Diego Fwy
at Victory Blvd

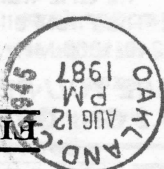
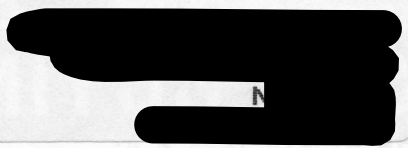
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FIRST CLASS MAIL

From: Mr. Diablo Amateur Radio Club, Inc.
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The CARRIER

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1839 East St. (across from Sattlers)
Concord, CA 94520 (415)685-7388

SISTER CLUB



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